

**Brief Curriculum Vitae**  
**Frederick G. Pohland**

Dr. Frederick G. Pohland has devoted most of his professional career to engineering teaching and research, initially at the Georgia Institute of Technology, and more recently at the University of Pittsburgh where he is **Professor and Edward R. Weidlein Chair of Environmental Engineering**, **Director** of the Dominion Center for Environment and Energy, and **Co-Director** of the Groundwater Remediation Technologies Analysis Center. Dr. Pohland received his B.S. in Civil Engineering from Valparaiso University and, after being employed as an engineer with the Erie Railroad Company, completed service with the U.S. Army and then graduate studies at the M.S. and Ph.D. levels in Environmental Engineering at Purdue University. Dr. Pohland also has been a **Visiting Scholar** at the University of Michigan and a **Guest Professor** at the Delft University of Technology in The Netherlands.

A **Fellow** and **Life Member** of the American Society of Civil Engineers (ASCE), and a registered **Professional Engineer**, Dr. Pohland is also a **Diplomat** in the American Academy of Environmental Engineers (AAEE), having previously served as President, Trustee, and AAEE delegate to the Board of Directors of the Accreditation Board for Engineering and Technology (ABET), where he is currently a member of the Engineering Accreditation Commission. He has served on the Governing Board of the International Water Association (IWA), as Honorary Executive Editor and Regional Editor of the IWA Journal, **WATER RESEARCH**, and originated and chaired the IWA Specialist Group on Anaerobic Digestion and the IWA Specialist Group on Landfill Management of Solid Wastes. Dr. Pohland also has been active in the Water Environment Federation (WEF), where he served on the Board of Control and was Chair of the Program Committee. Other memberships include the American Chemical Society, American Institute of Chemical Engineers, American Society for Microbiology, American Water Works Association, Association of Environmental Engineering and Science Professors, Solid Waste Association of North America, National Society of Professional Engineers, and the Society for Industrial Microbiology.

Dr. Pohland has served as consultant and advisor to industry and government, including appointments to the Science Advisory Board of the U.S. Environmental Protection Agency, the Science Advisory Committee of the Gulf Coast Hazardous Waste Research Center, the Science Advisory Committee of the Electric Power Research Institute, the Industrial Advisory Committee of the DOD Advanced Applied Technology Demonstration Facility, and the Scientific Advisory Committee of the National Institute for Environmental Renewal. National Research Council Committees include Water Resources Research, Innovative Technologies, Landfills, Subsurface Contamination, Environmental Remediation at Naval Facilities, Biosolids, and Advanced Technology for Human Support in Space. He has been a frequent contributor to the literature, with over 150 technical and scientific

publications, many of which have focused on anaerobic digestion, solid and hazardous waste management, environmental impact assessment, and innovative technologies for waste minimization, treatment and environmental remediation. Among his honors and awards are the WEF **Harrison Prescott Eddy Medal**, **Charles Alvin Emerson Medal** and **Gordon Maskew Fair Medal**, the **Research Award** of the Water Pollution Control Association of Pennsylvania, **Life Member** of the American Water Works Association, **1992 Distinguished Lecturer** of the Association of Environmental Engineering and Science Professors, and **1992 Lawrence Lecturer** of the Solid Waste Association of North America. In 1993, Dr. Pohland was elected to the **National Academy of Engineering**, **Fellow** of the American Academy of Microbiology, and an **Honorary Member** of the Water Environment Federation. He received the 1995 AAEE **Stanley E. Kappe Award**, and was awarded an **Honorary Degree of Doctor of Science** by Valparaiso University in 1996. In 2000 he received the AAEE **Gordon Maskew Fair Award** and Honorary Membership in the International Water Association, and was the ASCE **Simon Freeze Memorial Lecturer** for 2001.